

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 1
CORRECTIONS for 2015-2016, Fall 2016**

--REQUIREMENTS--

Faculty Senate Approved September 22, 2016

The requirements listed below reflect corrections to previously approved undergraduate and professional major curricular changes. All changes are underlined. Deletions are crossed out. If a description, semester, or footnote has been left off a schedule of studies presentation, then no changes were made. The column to the far right indicates the date each change becomes effective.

Dept	Correction	Effective Date
Chemical Engineering and Bioengineering Revise schedule of studies for course subject change for Bachelor of Science in Chemical Engineering – General Option	Chemical Engineering – General Third Year <i>Second Term</i> <i>Hours</i> CHE 321 3 CHE 332 3 CHE 334 3 CHE 352 3 CHE 398 1 MATH 423 <u>STAT 423</u> 3	8-16
Chemical Engineering and Bioengineering Revise schedule of studies for course subject change for Bachelor of Science in Bioengineering – General Option	Bioengineering – General Option Second Year <i>Second Term</i> <i>Hours</i> BIO ENG 210 2 CE 211 3 MATH 315 3 PHYSICS 202 4 MATH 370 or 423 <u>STAT 370 or 423</u> 3 Complete Writing Portfolio	8-16
Chemical Engineering and Bioengineering Revise schedule of studies for course subject change for Bachelor of Science in Bioengineering – General Option	Bioengineering – Pre-Med Option Second Year <i>Second Term</i> <i>Hours</i> BIO ENG 210 2 CE 211 3 MATH 315 3 PHYSICS 202 4 MATH 370 or 423 <u>STAT 370 or 423</u> 3 Complete Writing Portfolio	8-16

<p>Civil and Environmental Engineering Add missing exam requirement to schedule of studies Bachelor of Science in Civil Engineering</p>	<p>Civil Engineering (127 Hours)</p> <p>Fourth Year</p> <p><i>First Term</i></p> <table border="0"> <tr> <td></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CE 463</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CE 480 [M]</td> <td style="text-align: right;">1</td> </tr> <tr> <td>CE Electives^{4,5}</td> <td style="text-align: right;">9</td> </tr> <tr> <td>CE Laboratory Elective⁶</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="2"><u>Fundamentals of Engineering Exam</u></td> </tr> <tr> <td></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td><i>Second Term</i></td> <td></td> </tr> <tr> <td>CE 465 [CAPS] [M]⁷</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CE 466</td> <td style="text-align: right;">1</td> </tr> <tr> <td>CE Electives^{4,5}</td> <td style="text-align: right;">9</td> </tr> <tr> <td>Humanities [HUM]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Complete Experiential Requirement</td> <td></td> </tr> <tr> <td>Exit Interview</td> <td></td> </tr> </table>		<i>Hours</i>	CE 463	3	CE 480 [M]	1	CE Electives ^{4,5}	9	CE Laboratory Elective ⁶	3	<u>Fundamentals of Engineering Exam</u>			<i>Hours</i>	<i>Second Term</i>		CE 465 [CAPS] [M] ⁷	3	CE 466	1	CE Electives ^{4,5}	9	Humanities [HUM]	3	Complete Experiential Requirement		Exit Interview		<p>8-16</p>
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<p>Civil and Environmental Engineering Revise graduation requirements to add missing departmental experiential and exam requirements, and to correct a course listing for Bachelor of Science in Construction Engineering.</p>	<p>Construction Engineering (129 Hours)</p> <p>Certification Requirements: Certification into the Bachelor of Science in Construction Engineering requires the completion of 24 total credits, CHEM 105, MATH 171 and MATH 172 with a grade of C or better, and an application to the Construction Engineering Program. The best qualified students based on cumulative GPA and grades in the prerequisite courses will be certified until the departmental limit is reached.</p> <p><u>Experiential Requirement</u></p> <p><u>Students within the Department of Civil and Environmental Engineering must complete one of the following experiential requirements:</u></p> <ol style="list-style-type: none"> <u>1. An internship of at least eight weeks duration, with at least one credit of CE 495.</u> <u>2. A research position of at least eight weeks duration under the supervision of a departmental faculty member or approved mentor, with at least one credit of CE 499.</u> <u>3. Study abroad for six or more credit hours. International students in the Department of Civil and Environmental Engineering will meet this requirement through their study in the United States.</u> <u>4. Participation in a recognized ROTC program. Veterans in the Department of Civil and Environmental Engineering will have met this requirement through their prior service in the armed forces.</u> <u>5. A leadership or service experience of at least one semester, subject to departmental approval, with at least one credit of CE 499.</u> <p>Third Year</p> <p><i>First Term</i></p> <p style="text-align: right;"><i>Hours</i></p>	<p>8-16</p>																												

	CE 302 2 CE 315 3 CE 330 3 CON E 360 3 <u>COMM 400 [COMM]</u> 3 CST M 356 3 ENGLISH 402 [WRTG] 3 Second Term Hours CE 303 2 CE 317 [M] 4 CE 433 3 CON E 361 3 CST M 368 3 Fourth Year First Term Hours CE 400 3 CE 463 3 CE 466 1 CST M 460 3 CST M 462 3 Professional Electives ² 3 <u>Fundamentals of Engineering Exam</u> Second Term Hours CE 465 [M] [CAPS] ³ 3 CE 480 1 CST M 451 3 CST M 473 3 Professional Electives ² 6 Con E Exit Survey	
Communication Correct [SCI] requirements footnote for all Communication degrees.	Replace the CAS [SCI] requirement footnote currently listed on Communication degrees with broader [SCI] requirements footnote for all Communication degrees (Journalism and Media Production, Communication and Society, Strategic Communication) as shown below: To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab or SCIENCE 101 [SCI] and SCIENCE 102 [SCI]. SCIENCE 101 [SCI] is offered Fall semester and is a prerequisite for SCIENCE 102 [SCI]. SCIENCE 102 [SCI] is offered Spring semester. <u>For a total of 7 credits—one Biological Science [BSCI] and one Physical Science [PSCI] course, including one lab course, or 8 credits of [SCI] designated courses. (SCIENCE 101 [SCI] is offered Fall semester and is</u>	8-16

	a prerequisite for SCIENCE 102 [SCI], which is offered Spring semester.)																							
<p>Communication Remove courses from Specializations footnote 2 that are already required for Bachelor of Arts in Strategic Communication</p>	<p>Strategic Communication</p> <p>Second Year</p> <p><i>Second Term</i></p> <table> <tr> <td></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>COMSTRAT 310</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MKTG 360</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Specialization Courses²</td> <td style="text-align: right;">6</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Complete Writing Portfolio</td> <td></td> </tr> </table> <p>Third Year</p> <p><i>First Term</i></p> <table> <tr> <td></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>300-400-level Electives</td> <td style="text-align: right;">3</td> </tr> <tr> <td>300-400-level Major Elective³</td> <td style="text-align: right;">3</td> </tr> <tr> <td>COMSTRAT 309</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Specialization Courses²</td> <td style="text-align: right;">6</td> </tr> </table> <hr/> <p>Footnotes</p> <p>² Students select a specialization and complete the courses required for the specialty. At least one of the specialization courses must be an [M] course. Public Relations Specialization: COMJOUR 333 [M], COMSTRAT 312, 383 [M], 485 [M], and any COM, COMJOUR, COMSOC, or COMSTRAT course numbered 475-490. Advertising Specialization: COMSTRAT 380, 381 [M], 382, 480 [M], and any COM, COMJOUR, COMSOC, or COMSTRAT course numbered 475-490. Integrated Communication Specialization: COMJOUR 333 [M], COMSOC 301, COMSTRAT 309, 310, 312, 380, 383 [M], 476, 485 [M], and 495.</p>		<i>Hours</i>	COMSTRAT 310	3	MKTG 360	3	Specialization Courses ²	6	Electives	3	Complete Writing Portfolio			<i>Hours</i>	300-400-level Electives	3	300-400-level Major Elective ³	3	COMSTRAT 309	3	Specialization Courses ²	6	8-15
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<p>Educational Leadership, Sport Studies, and Educational/Counseling Psychology Revise total number of credits to accurately reflect the additional courses required for minor in Strength and Conditioning.</p>	<p>Strength and Conditioning Minor</p> <p>The minor in strength and conditioning requires 22 <u>31</u> semester hours of course work and practical experience. The minor is designed for students with an interest in pursuing a profession as a strength and conditioning coach, personal trainer, coach, or athletic trainer. To be eligible to certify as a strength and conditioning minor, a student must have earned at least 60 credit hours, have a minimum cumulative GPA of at least 2.75 and be certified in a major. Graded courses in the minor may not be taken pass/fail. Admission is competitive and requires an application process. The minor requires KINES 262, 264, and 311 as prerequisite coursework. Required courses include KINES 305, 362, 380, and 411. In addition, students will have vocational practicum experiences with KINES 412, 413, and 414 under the supervision of approved strength and conditioning experts. Each practicum is 120-150 hours per term, with a required total of 400 hours for the completion of the minor. Credit hours for the minor must include 9 hours of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p>	8-16																						

<p>Electrical Engineering and Computer Science Remove courses added in error from footnote 1, revise footnote 2 for course subject change, and footnote 4 to add UCORE designators for clarification for Bachelor of Arts in Computer Science</p>	<p>Bachelor of Arts, Computer Science (120 Hours)</p> <p>¹ Students may choose between a c/C++ (CPT S 121, 122, 223,360) path or a Java programming (CPT S 131, 132, 233,370) path. Students should remain in one path option. The Java track is not available in Tri-Cities.</p> <p>² Either math sequence below will satisfy the math requirement for this degree. Sequence B will allow a broader selection of advanced computer science electives. The course work in mathematics must total at least fifteen semester hours (including MATH 216). Sequence A: MATH 201, 202, 212, and a MATH elective chosen from the following list: MATH 364, 416, or STAT 412. Sequence B: MATH 171, 172, 220, and MATH <u>STAT</u> 212 or MATH <u>STAT</u> 360.</p> <p>⁴ Science electives: A minimum of 15 credits required. Must include a year-long sequence (two semesters including a laboratory in each semester) of <u>[BSCI]</u>, <u>[PSCI]</u>, or <u>[SCI]</u> and two additional science courses, one of which must have a laboratory component. Electives include BIOLOGY 106, 107; CHEM 101, 102 or 105, 106; PHYSICS 101, 102 or 201, 202.</p>	<p>8-16</p>														
<p>Electrical Engineering and Computer Science Clarification: Specify 9 credits in Footnote 3 and make course prefixes uppercase for Bachelor of Science in Computer Engineering</p>	<p>Computer Engineering (123 Hours)</p> <p>³ Technical electives (<u>9 credits</u>) must be 300-400-level courses and must be chosen with an advisor's approval. Any of the following courses may be chosen to fulfill technical elective requirements: Cpt S <u>CPT S</u> 317, 322, 350, 355, 422, 423, 430, 440, 442, 443, 451, 452, 455, 460, 466; E E 331, 341, 351, 431, 432, 434, 451, 464, 466, 470, 476, 489, 496; One only of Math <u>MATH</u> 325, 340, 364, 415, 421, 440, 441, 448, 453, 464, 466.</p>	<p>8-16</p>														
<p>Electrical Engineering and Computer Science Revise schedule of study for course subject change, and footnotes 2 and 3 for clarification of requirements and to correct for number change for Bachelor of Science in Electrical Engineering</p>	<p>Electrical Engineering (123 Hours)</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Third Year</th> <th style="text-align: right;">Hours</th> </tr> </thead> <tbody> <tr> <td><i>Second Term</i></td> <td></td> </tr> <tr> <td>E E 302</td> <td style="text-align: right;">3</td> </tr> <tr> <td>E E 341</td> <td style="text-align: right;">3</td> </tr> <tr> <td>E E 361</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH <u>STAT</u> 360</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Track Elective^{2,3}</td> <td style="text-align: right;">3</td> </tr> </tbody> </table> <p>Footnotes</p> <p>² Students follow one of five tracks for an emphasis in their degree program (<u>15 credits minimum</u>): Power Track: required: E E 362 [M], 491, at least 6 credits from E E 486, 489, 492, 493, 494, and three <u>remaining</u> credits from list of approved technical electives; Microelectronics Track: required: E E 351, 431, 476, 496, and at least one from E E 464, 489, 495; Systems Track: required: E E 464, 489, at least one from E E 432, 451, and two from E E 351, 431, 432, 451, 470, 495; General Track: at least one from E E 324 [M], 351, 362 [M], 489, and twelve <u>remaining</u> credits from list of approved technical electives with a minimum of nine credits 400-level E E courses; or Computer Engineering Track: required: E E 434, 466, at least one from E E 324 [M], 334, CPT S 360, and six <u>remaining</u> credits from list of approved technical electives with a minimum of three credits 400-level E E courses.</p> <p>³ Approved Technical Electives for Power Track (3 credits), General Track (12 credits—minimum 9 credits 400-level E E courses), and Computer Engineering Track (6 credits—minimum 3 credits 400-level E E courses) include: ASTRONOM 435, CE 463, CHEM 331, 333, 345, MATH 320 [M], 325, 340, 364, 401 [M], 402 [M], 415, 420, 421 [M], 440, 441, 448, 453, 464, 466, ME 304, 401, 404, MSE 402, 403, PHYSICS 303, 304, 320, 443, 450, and 463, or any 300-400-level CPT S or E E course not used to fulfill other requirements.</p>	Third Year	Hours	<i>Second Term</i>		E E 302	3	E E 341	3	E E 361	3	MATH <u>STAT</u> 360	3	Track Elective ^{2,3}	3	<p>8-16</p>
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<p>Fine Arts Revise degree requirements in the degree description for clarification for Bachelor of Arts in Fine Arts – Art History Option</p>	<p>Bachelor of Arts in Fine Arts - Art History Option (120 Hours)</p> <p>Certification requirements: 1) FINE ART 102 or 103; 2) 9 hours from 200-300-level art history courses; 3) 2.0 cumulative GPA in FINE ART courses.</p> <p>For the Bachelor of Arts in Fine Arts a total of at least 48 hours of fine arts <u>FINE ART</u> with a <u>minimum cumulative GPA of 2.0</u> is required; 30 of these hours must be in 300-400-level courses. 1) FINE ART 102, 103 and 110; 2) FINE ART 201 and 202; 3) One course from 2D area (FINE ART 111, 312, 320, or 370); 4) One course from 3D area (FINE ART 340 or 350); 5) One course from media arts areas (FINE ART 332, 333, or 381); 6) 2.0 cumulative GPA in FINE ART courses.</p>	<p>8-16</p>																								
<p>Fine Arts Revise degree requirements in the degree description for clarification for Bachelor of Arts in Fine Arts – Studio Option</p>	<p>Certification requirements: 1) FINE ART 102 or 103; 2) 9 hours from 200-300-level art history courses; 3) 2.0 cumulative GPA in FINE ART courses.</p> <p>For the Bachelor of Arts in Fine Arts a total of at least 48 hours of fine arts <u>FINE ART</u> with a <u>minimum cumulative GPA of 2.0</u> is required; 30 of these hours must be in 300-400-level courses. 1) FINE ART 102, 103 and 110; 2) FINE ART 201 and 202; 3) One course from 2D area (FINE ART 111, 312, 320, or 370); 4) One course from 3D area (FINE ART 340 or 350); 5) One course from media arts areas (FINE ART 332, 333, or 381); 6) 2.0 cumulative GPA in FINE ART courses.</p>	<p>8-16</p>																								
<p>Food Science Corrected course hours for accuracy and add missing course for Bachelor of Science in Food Science - Fermentation Science option</p>	<p>Food Science - Fermentation Science Option (120 Hours)</p> <p>First Year</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;"><i>First Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>BIOLOGY 107 [BSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>CHEM 105 [PSCI]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Creative & Professional Arts [ARTS]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td style="text-align: right;">3</td> </tr> <tr> <td><i>Second Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> <tr> <td>CHEM 106</td> <td style="text-align: right;">4</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>MATH 140 [QUAN] or MATH 171 [QUAN]</td> <td style="text-align: right;">4</td> </tr> <tr> <td>VIT ENOL 113</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Second Year</td> <td></td> </tr> <tr> <td><i>First Term</i></td> <td style="text-align: right;"><i>Hours</i></td> </tr> </table>	<i>First Term</i>	<i>Hours</i>	BIOLOGY 107 [BSCI]	4	CHEM 105 [PSCI]	4	Creative & Professional Arts [ARTS]	3	ENGLISH 101 [WRTG]	3	<i>Second Term</i>	<i>Hours</i>	CHEM 106	4	HISTORY 105 [ROOT]	3	MATH 140 [QUAN] or MATH 171 [QUAN]	4	VIT ENOL 113	3	Second Year		<i>First Term</i>	<i>Hours</i>	<p>8-16</p>
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	<p>CHEM 345 4</p> <p>COM 102 [COMM] or H D 205 [COMM] 3 or 4</p> <p>PHYSICS 101 4</p> <p>STAT 212 4</p> <p>Second Term Hours</p> <p>FS 220 3</p> <p>FS 304 23</p> <p>MBIOS 101 or MBIOS 305 and 306 4 or 5</p> <p>MBIOS 303 4</p> <p>Complete Writing Portfolio</p> <p>Third Year</p> <p>First Term Hours</p> <p>ECONS 101 [SSCI] 3</p> <p>FS 302 [M] 1</p> <p>FS 303 3</p> <p>MKTG 360 3</p> <p>Option Elective¹ 3</p> <p>Electives 32</p>	
<p>Honors College Revise Footnotes 1 and 5 for clarification of requirements, and to adjust for dropped courses and correct for a course subject change for Honors College Requirements.</p>	<p>Honors College Requirements listed courses and footnotes in the academic unit description:</p> <p>First Year</p> <ul style="list-style-type: none"> • ENGLISH 298 • Math requirement¹ • Foreign Language competency requirement² • [BSCI] or [PSCI] with lab <p>Second or Third Year</p> <ul style="list-style-type: none"> • HONORS 270 Principles and Research Methods in Social Sciences³ • HONORS 280 Contextual Understanding in the Arts and Humanities • HONORS 290 Science as a Way of Knowing⁴ <p>Third or Fourth Year</p> <ul style="list-style-type: none"> • HONORS 370 Case Study: Global Issues in Social Science or 3 credits ED ABRD 991. • HONORS 380 Case Study: Application of Arts and Humanities to Global Issues or 3 credits ED ABRD 992. • HONORS 390 Case Study: Application of Science to Global Issues or 3 credits ED ABRD 993. • HONORS 450 Honors Thesis⁵ 	<p>8-16</p>

	<p>Optional Coursework:</p> <ul style="list-style-type: none"> • HONORS 398 Honors Thesis Proposal Seminar • HONORS 430 (Education Abroad Practicum and Research) <p>¹ Students who qualify for Calculus II (MATH 172 or 182) on the basis of their math placement test receive credit for MATH 171 and thereby fulfill this requirement. Other sStudents typically take the math required by their major. Honors College accepts: MATH 105, 140, 171, <u>172, 202, 205, 206, 212, 251 and 252 combined, and 273, or 283, STAT 205 or STAT 212.</u> Check with an Honors College advisor for any questions concerning the math requirement.</p> <p>² Assessed proficiency in a second language at the intermediate level or completion of a foreign language through the 204 level. May be completed at any time before graduation. Check with an Honors advisor for specifics. Education Abroad is strongly recommended for language acquisition. The following foreign language level courses in any language will be accepted as meeting the foreign language competency standard set by the Honors College: 204, 261, 306, 307, and 308.</p> <p>³ ECONS 198 is an approved substitute for this requirement.</p> <p>⁴ Approved substitutes for this course include: CHEM 116, MATH 182, PHYSICS 205 or 206.</p> <p>⁵ Three credits required. HONORS 398 strongly recommended as preparation. Approved substitutes for this course include: BIO ENG 411, CE 465, CHE 451, CPT S 422, ENGR 421, E E 415, 416, and ME 416.</p>	
<p>Hospitality Business Management Revise minor in Hospitality Business Management to correct for course number changes.</p>	<p>Hospitality Business Management Minor</p> <p>To be eligible to certify in the hospitality business management minor, students must be certified in a major and have a cumulative GPA of 2.5. The minor in hospitality business management requires a minimum of 19 hours, 9 of which must be 300-400 level with an overall GPA of at least a 2.5 in the required courses. The required courses are ACCTG 230, HBM 182-101 or 320-401, and 5 College of Business or Hospitality Business Management courses of which at least nine hours must be Hospitality Business Management courses at the 300-400 level. Nine hours must be 300-400 level courses taken in residence at WSU or through WSU-approved education abroad or educational exchange courses and they may not include any 498 or 499 courses. Up to 6 hours may be transferred from another institution. Students must ensure that they meet all course prerequisites before seeking admission to any College of Business course.</p> <p>In addition, students must complete 400 hours of internship/industry experience to earn the minor. In order for hours to count for the requirement, they must meet the following criteria:</p> <ol style="list-style-type: none"> 1. Hours must be worked after high-school graduation; 	<p>8-16</p>

	<p>2. All hours must be documented as paid; 3. Hours must be worked at a company whose primary source of revenue is derived from hospitality services; and</p> <p>The employer evaluation for the hours must reflect an average of 80% across the ratings criteria on the form.</p>																													
<p>Hospitality Business Management Revise schedule of studies to correct for course number change for Bachelor of Art in Hospitality Business Management - Wine Business Management.</p>	<p>Wine Business Management (120 Hours)</p> <p>First Year</p> <table> <thead> <tr> <th><i>First Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 120 [BSCI]</td> <td>4</td> </tr> <tr> <td>CHEM 101 [PSCI]</td> <td>4</td> </tr> <tr> <td>ECONS 101 [SSCI] or 102 [SSCI]</td> <td>3</td> </tr> <tr> <td>ENGLISH 101 [WRTG]</td> <td>3</td> </tr> <tr> <td>HBM 482 <u>101</u></td> <td>1</td> </tr> </tbody> </table>	<i>First Term</i>	<i>Hours</i>	BIOLOGY 120 [BSCI]	4	CHEM 101 [PSCI]	4	ECONS 101 [SSCI] or 102 [SSCI]	3	ENGLISH 101 [WRTG]	3	HBM 482 <u>101</u>	1	8-16																
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<p>Hospitality Business Management Revise schedule of studies to correct for course number changes for Bachelor of Art in Hospitality Business Management – Hospitality Business Management</p>	<p>Hospitality Business Management (120 Hours)</p> <p>First Year</p> <table> <thead> <tr> <th><i>Second Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>ECONS 101 or 102</td> <td>3</td> </tr> <tr> <td>HBM 482 <u>101</u></td> <td>1</td> </tr> <tr> <td>HISTORY 105 [ROOT]</td> <td>3</td> </tr> <tr> <td>MATH 202 [QUAN]³</td> <td>3</td> </tr> <tr> <td>Physical Sciences [PSCI] or SCIENCE 102 [SCI]¹</td> <td>4 or 3</td> </tr> <tr> <td>Non-Business Electives⁴</td> <td>3</td> </tr> </tbody> </table> <p>Fourth Year</p> <table> <thead> <tr> <th><i>First Term</i></th> <th><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>ECONS 305 or 323</td> <td>3</td> </tr> <tr> <td>HBM 320 <u>401</u></td> <td>1</td> </tr> <tr> <td>HBM 494 [M]</td> <td>3</td> </tr> <tr> <td>MGMT 450</td> <td>3</td> </tr> <tr> <td>300-400-level Business Elective⁸</td> <td>3</td> </tr> <tr> <td>Non-Business Electives⁴</td> <td>2</td> </tr> </tbody> </table>	<i>Second Term</i>	<i>Hours</i>	ECONS 101 or 102	3	HBM 482 <u>101</u>	1	HISTORY 105 [ROOT]	3	MATH 202 [QUAN] ³	3	Physical Sciences [PSCI] or SCIENCE 102 [SCI] ¹	4 or 3	Non-Business Electives ⁴	3	<i>First Term</i>	<i>Hours</i>	ECONS 305 or 323	3	HBM 320 <u>401</u>	1	HBM 494 [M]	3	MGMT 450	3	300-400-level Business Elective ⁸	3	Non-Business Electives ⁴	2	8-16
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<p>Human Development Correct error in course number for minor in General Human Development.</p>	<p>General Human Development</p> <p>The General Human Development minor requires 18 hours and a cumulative GPA of 2.6 or better in coursework used to fulfill this minor. Required coursework includes H D 101, 204, 220, and 9 additional H D elective hours selected from H D 300, 301, 302, 306, 307, 308, 320, <u>334</u>, 340, 341, 350, 360, 385, 403, 405, 406, 408, 430, 479, 480, 482, and a maximum of 3 credits of 485. Coursework must include a minimum of 9</p>	8-16																												

	hours of 300-400-level courses taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.																					
Mathematics and Statistics Correct error in course number for minor in Statistics	Statistics Minor The minor in statistics requires a minimum of 18 credit hours. 9 hours of upper-division work must be 300-400-level and be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. Courses required for the minor may not be taken pass/fail and a minimum 2.0 GPA is required in all courses. Required courses include STAT 360 or 370, STAT 412, 423 or 430; STAT 443, and 9 additional hours selected from STAT 410, 419, 422 (UIdaho), 428 (UIdaho), 436, 446, 444 , 447 , and 456. Students majoring in mathematics under the Actuarial Sciences Option must take STAT 456.	8-16																				
Mathematics and Statistics Correct error in course number for Bachelor of Science in Data Analytics – Life Sciences Option	Data Analytics - Life Sciences Option (120 Hours) Fourth Year <i>First Term</i> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: right;"><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>BIOLOGY 355 <u>335</u></td> <td style="text-align: right;">3</td> </tr> <tr> <td>Diversity [DIVR]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Foreign Language, if needed, or Electives</td> <td style="text-align: right;">6</td> </tr> <tr> <td>STAT 419</td> <td style="text-align: right;">3</td> </tr> </tbody> </table>		<i>Hours</i>	BIOLOGY 355 <u>335</u>	3	Diversity [DIVR]	3	Foreign Language, if needed, or Electives	6	STAT 419	3	8-16										
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Mathematics and Statistics Revise credits in Social Sciences footnote 3 to accurately reflect the requirements in the schedule of studies for Bachelor of Science in Data Analytics – Social Sciences Option	Data Analytics - Social Sciences Option (120 Hours) Third Year <i>Second Term</i> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: right;"><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>CPT S 415</td> <td style="text-align: right;">3</td> </tr> <tr> <td>SOC 340 [DIVR]</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Social Sciences Elective³</td> <td style="text-align: right;">3</td> </tr> <tr> <td>STAT 436</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Electives</td> <td style="text-align: right;">3</td> </tr> </tbody> </table> Fourth Year <i>First Term</i> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: right;"><i>Hours</i></th> </tr> </thead> <tbody> <tr> <td>Foreign Language, if needed, or Electives</td> <td style="text-align: right;">6</td> </tr> <tr> <td>Social Sciences Electives³</td> <td style="text-align: right;">6</td> </tr> <tr> <td>STAT 419</td> <td style="text-align: right;">3</td> </tr> </tbody> </table> <hr/> Footnotes ³ Social Sciences Electives (6 <u>9</u> credits): Approved courses include ED PSYCH 400, 404, POL S 416, and PSYCH 333.		<i>Hours</i>	CPT S 415	3	SOC 340 [DIVR]	3	Social Sciences Elective ³	3	STAT 436	3	Electives	3		<i>Hours</i>	Foreign Language, if needed, or Electives	6	Social Sciences Electives ³	6	STAT 419	3	8-16
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<p>Mathematics and Statistics Correct option title for Bachelor of Science in Data Analytics – Actuarial Science Option</p>	<p>Data Analytics – Actuarial Sciences Option (120 Hours) <u>Data Analytics - Actuarial Science Option (120 Hours)</u></p>	<p>8-16</p>
<p>Mathematics and Statistics Revise graduation requirements to add missing departmental core and certification requirements to degree description for Bachelor of Science in Mathematics - Statistics Option</p>	<p>Mathematics – Statistics Option (120 Hours) <u>Mathematics Major Core Requirements</u> <u>Courses required for the major may not be taken pass/fail, and a 2.0 minimum GPA is required.</u></p> <p><u>Certification Requirements</u></p> <ol style="list-style-type: none"> 1. <u>Applications for certification are accepted at any time during fall and spring semesters. Decisions are made within ten working days of receipt of application. Application forms are available in the Mathematics Department office.</u> 2. <u>Applications are evaluated, and certification decided, by a faculty committee.</u> 3. <u>Applicants must have an overall GPA of at least 2.0.</u> 4. <u>The mathematics core consists of MATH 171, 172, and 220. These courses (or their equivalent for transfer students) must be completed before application.</u> 5. <u>Students with at least a 2.5 GPA in the mathematics core will be certified automatically. Those with less than a 2.0 GPA in the mathematics core will normally not be certified. Others will be considered on a case-by-case basis.</u> 6. <u>Appeals on certification decisions are considered by the department chairperson.</u> 7. <u>Students who are denied certification may reapply after completing at least 12 more semester hours, whereupon decisions are based on grades in mathematics, science, and computer science courses; cumulative grade point average and grade patterns; and a personal interview.</u> 8. <u>Certified students whose cumulative GPA or GPA in MATH courses numbered 171 and above falls below 2.0 for two consecutive semesters, or who are academically deficient, are subject to decertification.</u> 9. <u>Applications for recertification are handled in the same manner as certification applications for those previously denied.</u> 	<p>8-16</p>
<p>Mechanical and Materials Engineering Revise minor in Mechanical Engineering to correct for course number changes.</p>	<p>Mechanical Engineering</p> <p>A minor in mechanical engineering requires 16 credits of 300-400-level ME courses, including two of the following four courses: ME 303, 304, <u>316</u>, 348, 444. 9 hours of upper-division work must be taken in</p>	<p>8-16</p>

	residence at WSU or through WSU-approved education abroad or educational exchange courses.	
Music Revise schedule of studies to clarify MUS Ensemble requirements in degree description and footnote 4, and move Senior Qualifying Exam to correct semester for Music Education - Choral/General Endorsement option	Music Education - Choral/General Endorsement Option (132 Hours) [4 th paragraph – last sentence] Approved performing Ensembles: a minimum of 1 credit hour of MUS 429, 430, or MUS 431 <u>ensemble</u> during each of 7 semesters, as well as <u>including</u> at least one credit hour of MUS 428, 433, or 439, and a <u>minimum of 4 credits in vocal performing groups (MUS 429, 430, 431).</u> Third Year Second Term Hours (Non-MUS) Creative & Professional Arts [ARTS] 3 Applied MUS ¹ 2 MUS 461 [CAPS] ⁶ 3 MUS 483 ⁶ 1 MUS 489 ^{6,8} 2 MUS Ensemble ⁴ 1 Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI] ⁷ 4 Senior Qualifying Exam Fourth Year First Term Hours Applied MUS ¹ 2 MUS 428, 433, or 439 1 MUS 455 2 MUS 480 ³ 3 TCH LRN 464 3 TCH LRN 465 3 Senior Qualifying Exam Footnotes ⁴ Music Ensemble: 6 credits of Music MUS 428-444 with a minimum of 4 credits choral (Music MUS 429, 430, 431, 432).	8-16
Music Revise schedule of studies to clarify MUS Ensemble requirements in degree description and footnote 4, and move course to correct semester for Music Education - Instrumental/General Endorsement option	Music Education - Instrumental/General Endorsement Option (133 Hours) [4 th paragraph – last 2 sentences] Approved performing groups: a minimum of 1 credit during each of 7 semesters, to include at least one semester credit of MUS 435 for instrumentalists. <u>Within the 7 semesters/credits, as well as a minimum of 4 credits in instrumental performing groups, including 2 credits drawn from: MUS 434, 436, 437, or 438.</u> Third Year First Term Hours (Non-MUS) Diversity [DIVR] 3 Applied MUS ¹ 2	8-16

	<p>Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI]⁷ 4</p> <p>MUS 360 [HUM] [M]³ 3</p> <p>MUS 435 4</p> <p>MUS 482³ 1</p> <p>MUS Ensemble⁴ 1</p> <p>Fourth Year</p> <p><i>First Term</i> <i>Hours</i></p> <p>Applied MUS ¹ 2</p> <p><u>MUS 435</u> 1</p> <p>MUS 455³ 2</p> <p>MUS 480³ 3</p> <p>MUS 493^{3,8} 2</p> <p>TCH LRN 464 3</p> <p>TCH LRN 465 3</p> <p>Senior Qualifying Exam</p> <hr/> <p>Footnotes</p> <p>⁴ Music Ensemble: 6 credits required from MUSIC MUS 428-444 with a minimum of 4 credits of in instrumental performing groups, including 2 credits drawn from: (MUSIC MUS 434, 436, 437, 438).</p>	
<p>Music Revise schedule of studies to add Senior Qualifying Exam that was missed for Bachelor of Art in Music</p>	<p>Bachelor of Arts in Music (120 Hours)</p> <p>Fourth Year</p> <p><i>First Term</i> <i>Hours</i></p> <p>300-400-level Music Electives 4</p> <p>Non-MUS Electives⁷ 11</p> <p><u>Senior Qualifying Exam</u></p> <p><i>Second Term</i> <i>Hours</i></p> <p>300-400-level Music Electives 6</p> <p>Non-MUS Electives⁷ 10</p>	<p>8-16</p>
<p>Music Correct credits listed in footnote 1 to match Applied Music requirements for Bachelor of Music: Music Performance - Keyboard w/Elective Studies in Pedagogy Option.</p>	<p>Music Performance - Keyboard with Elective Studies in Pedagogy Option (120 Hours)</p> <hr/> <p>Footnotes</p> <p>¹ Applied Music: 46 <u>32</u> credits required with a minimum of 2 credits at the 400 level. Approved courses include MUS 301, 302, 401 and 402.</p>	<p>8-16</p>

<p>Music Correct credits listed in footnote 1 to match Applied Music requirements for Bachelor of Music: Music Performance - Keyboard Option.</p>	<p>Music Performance - Keyboard Option (120 Hours)</p> <hr/> <p>Footnotes ¹ Applied Music: 46 <u>32</u> credits required with a minimum of 2 credits at the 400 level. Approved courses include MUS 301, 302, 401 and 402.</p>	<p>8-16</p>
<p>Pharmacy Revise footnote 1 to remove withdrawn course for Doctor of Pharmacy – Professional Curriculum.</p>	<p>Professional Curriculum (134 Hours)</p> <hr/> <p>Footnotes ¹ Elective Courses: 10 credits of electives involving a minimum of 4 courses are required throughout the first three years of the curriculum. Select from: PHARMACY 499, 575 <u>576</u> through 580, 588, 590, 591, 594, 596, 598, 599 or any other College approved electives.</p>	<p>8-16</p>
<p>Undergraduate Education Correct title of certificate</p>	<p>Cougar Athletics Leadership Development Certificate</p> <p>To earn the Cougar Athletics Leadership Development Certificate students complete a total of 15 credits and earn a 2.20 GPA or better in all coursework. Required courses: UNIV 295, 395, 399 and 495. Nine additional credits, including a minimum of three upper-division credits, are chosen in consultation with an advisor. Approved courses include: AMDT 440; COM 102, 105; COMSOC 301; ENGLISH 301; H D 205; MIL S 101, 102, 201, 202; PSYCH 321; TCH LRN 301; UNIV 100, 101, 301, 304, 491, and 497 (maximum 3 credits). No course may be taken pass, fail.</p>	<p>8-16</p>